ENERGY AND AUTOMATION

LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY. electric DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NO+1NC SLOW ACTION. PLASTIC **ROLLER**



Product designation	Roller centre
Product type designation	KBC

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(- enera	chara	cteristics
Ochlora	unaia	Cicrotics

Material	
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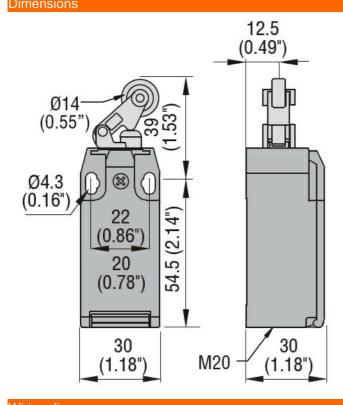
Note Pastic Pastic Pastic Pastic	Material				Polymer
Contact characteristics Type of contact 2NO+1NC Slow action Thermal current Ith A 10 IEC/EN 60947-5-1 designation V 690 Rated insulation voltage Ui V 6 Insulation class II II Short-circuit protection with fuse Class/A 01 0g/SC QUICK FUSE Switching speed min m/s 0.5 EC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mΩ < 10			Housing		
Thermal current lth			Roller		
Top the contact Top the c	Contact characteristics	3			
Thermal current lth	Type of contact				
EC/EN 60947-5-1 designation	Thermal current Ith			Α	
Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s m/s 0.5 max m/s 1.5 IEC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mΩ < 10		signation			
Insulation class				V	
Insulation class				kV	
Switching speed Switching		·			11
EC Conventional free air thermal current Ith M M/s 1.5 IEC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mΩ <10	Short-circuit protection	with fuse		Class/A	
IEC Conventional free air thermal current Ith A 1.5 Resistance per pole (average value) mΩ <10	Switching speed				
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$			min	m/s	0.5
Resistance per pole (average value) mΩ <10			max	m/s	1.5
Mechanical features Operating head fixing Locking bayonet insert Operating torque N 6 1b 1.34 Tightening torque (Max) Switch fixing Switch fixing Nm 2.5 1bin 22.1 Contact terminals Nm 0.8 1bin 7 Body lid screw fixing Nm 0.8 1bin 7	IEC Conventional free	air thermal current Ith		Α	10
Operating head fixing Locking bayonet insert Operating torque N 6 Ib 1.34 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7		verage value)		mΩ	<10
Operating head lixing Insert	Mechanical features				
N 6 Ib 1.34 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Ibin 8 Ibin 9 Ibin 9	Operating head fixing				
Ib	Operating torque				
Switch fixing Nm 2.5				Ν	6
Switch fixing Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Nm 0.8 Ibin 7				lb	1.34
Nm 2.5	Tightening torque (Max	()			
Din 22.1		Switch fixing			
Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7					
Nm 0.8 1bin 7				lbin	22.1
Body lid screw fixing Nm 0.8 Ibin 7		Contact terminals			
Body lid screw fixing Nm 0.8 Ibin 7					
Nm 0.8 Ibin 7		1 		lbin	7
lbin 7		Body lid screw fixing			
Conductor coction				lbin	7
	Conductor section	A)A(Q/I/C :I			
AWG/Kcmil		AVVG/Kcmil			4.0
min 16					
max 14		IFO	max		14
IEC		IEC	•		1 0
min mm² 1or 2					
max mm² 2.5			ıılax	111111-	۷.۵



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Cable connection				Self-releasing
				screw terminal
Cable entry				M20 on the
Oabic Citry				bottom
Operations				
Mechanical life			cycles	<10000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
IP degree				
-		Terminals		IP20
		Body housing		IP65
Pollution degree		, ,		3
Dimensions				

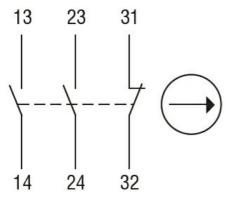


Wiring diagrams

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Slow action



2NO + 1NC

O			Programme and the second
Certificat	ions and	i comn	liance:
Continuati	iono ana	i ooiiip	iidi ioc

Compliance

CSA C22.2 n° 14

EN 50047

IEC/EN 60204-1

IEC/EN 60947-1

IEC/EN 60947-5-1

UL508

Certificates

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC000030 - End switch